

CLAIMS

What is claimed is:

1. A flowmeter comprising:
 - 5 a vibratable conduit;
 - a driver connected to the conduit and operable to impart motion to the conduit;
 - a sensor connected to the conduit and operable to sense the motion of the conduit; and
 - 10 a control and measurement system connected to the driver and the sensor, the control and measurement system comprising circuitry to:
 - receive a sensor signal from the sensor,
 - detect a change in density,
 - generate a drive signal based on the sensor signal to correct for the
 - 15 change in density,
 - supply the drive signal to the driver, and
 - generate a measurement of a property of material flowing through the conduit based on the sensor signal.

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